



# **TOWN OF ENFIELD DEPARTMENT OF PUBLIC WORKS SNOW AND ICE CONTROL PLAN**

**Town Council Chambers  
December 3, 2018**

# SNOW AND ICE CONTROL PLAN OVERVIEW

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# **GOAL OF SNOW AND ICE CONTROL PLAN OPERATIONS**

- › The Town of Enfield Department of Public Works (DPW) will conduct snow and ice control activities that afford emergency vehicles and its residents reasonably safe and passable (not necessarily bare) road surfaces as much of the time as possible.

## **STATEMENT OF OBJECTIVES**

- › The primary objective for the DPW during snow and icing events for the Town of Enfield is to provide for the passage of emergency vehicles. Secondary objectives for DPW staff is to provide for the safe and orderly movement of traffic and pedestrians on Enfield's approximately 183 miles of streets.



# FORECASTING

- › 1. Subscription to DTN Weather Sentry, a web based weather forecasting which provides 72 hours of hour by hour forecasting with precipitation and snow total predictions,
- › 2. Subscription to Precision Weather service, a web based weather forecasting which provides a detailed analysis and forecasting of weather conditions, (**Trial Basis**)
- › 3. Internet weather sites,
- › 4. Cable and Local News Weather Channels-free service provided by Cox Communications.

**WeatherSentry®**  
Daily Local Forecast

**Public Works Complex (KBDL) forecast for Thursday 11/15/18**

Time (EST)	6 AM	9 AM	12 PM	3 PM	6 PM	9 PM	12 AM	3 AM
Sky Conditions								
Temperature (°F)	20	25	32	35	32	31	31	31
Feels Like (°F)	20	25	26	29	25	22	21	20
Dew Point (°F)	9	8	6	10	18	25	28	29
Humidity (%)	62	48	33	35	56	78	89	92
Wind Direction	N	NNE	NE	E	NE	NNE	NNE	NNE
Wind Speed (mph)	3	3	6	7	8	10	14 G 24	15 G 25
Precipitation Chance (%)	-	-	-	-	52	80	80	68
Precipitation Amount (Rain-in, Snow-in.)	None	None	None	None	S: <1/4 L: 0.03	S: 1/4-1 L: 0.07	S: 1/4-1 L: 0.07	Ice 0.04

**Your 5 Day Forecast**

Day	Thu	Fri	Sat	Sun	Mon
Sky Conditions					
Weather	Evening Snow Likely	All Day Ice/Rain Likely	Partly Cloudy	Mostly Cloudy	Scattered AM Snow Possible
High (°F)	35	41	45	40	42
Low (°F)	20	29	28	24	25
Humidity (%)	47	76	67	63	68
Winds (mph)	6	10	7	3	4
Precipitation Chance (%)	80	80	-	-	35
Precipitation Amount (Rain-in, Snow-in.)	S: 1-3 L: 0.31	Ice 0.15	None	None	S: 1/4-1 L: 0.09

[www.snowandice.com](http://www.snowandice.com)

Snow by: 5PM-7PM  
Ice by: 9PM-11PM  
Rain by: Friday at 1AM to 3AM  
1" of snowfall by: 7PM-9PM  
Total snowfall accumulation: 3-5 inches  
Duration of the storm: 16 to 20 hours  
Post-storm conditions: Freezing nights / Above freezing days

TODAY (Thursday)	Weather	Amount (inches)	Temp. (°F)	Wind (MPH)
6am - Noon				
Noon - 6pm	overcast, spotty SW- VERY late	little, if any	29 - 34	From E to SE at 4-9
6pm - Mid.	S-S developing, becoming IP- late, some R-R very late	3-5 inches	28 - 33	From E at 5-10
Special Notes	Snow arrives after sunset, quickly steadying with at least 1"/hr. bursts. Rising temperatures transition the snow to sleet towards Midnight. Slippery spots developing quickly.			

TOMORROW (Friday)	Weather	Amount (inches)	Temp. (°F)	Wind (MPH)
Mid. - 6am	Early IP- to R-R, tapering off to L- at times	.15 to .45 inches RAIN	36° - 42°	From NE at 10-18 mph
6am - Noon	R-RW- early, any RW- ending, some late sun	Up to .05 inches RAIN	40 - 43	From NE to NW at 12-19 mph
Noon - 6pm	becoming mostly sunny		42 - 46	From NW at 8-16
6pm - Mid.	mostly clear		37 - 42	From W at 5-10
Special Notes	Early sleet transitions to rain which tapers off after the AM commute. The sun comes out during the afternoon, which helps dry roadways with a gusty westerly breeze.			

# DPW SNOW AND ICE CONTROL PLAN PROCEDURES

## WEEKDAY WINTER EVENT SCENARIO – THE PROCESS

- › 4 inch snow storm, starting between 5-6pm, ending between 5-6 am.
  - Monitor the forecast
  - Parking ban planned, notification sent out, and PD informed of parking ban starting time
  - Prep vehicles
  - Safety briefing
  - Pre-treat - *Applying an ice control chemical (liquid or solid) to the road before a snow or ice event begins.* The use of this technique is to prevent bounding of the ice/snow.
  - Break for crews – Storm dependent
  - Crews start plowing around 2"
  - Extra trucks and contractors are called in for 3" or more
  - Crews rest between 11pm and 12am (During this time the crews that came in later, contractors and a route ranger remain on the roads. – Storm dependent
  - Crews are back on the road between 3-4 am
  - After snow ends cleaning-up the roads can last between 6-8 hours – curb to curb

# BUILDINGS & GROUNDS OPERATIONS

- › Snow/ice removal completed in coordination with:
  - DPW Highway Division
  - School Superintendent
- › Responsible for:
  - Thompsonville streets
    - › West side of Route 5 from Enfield High School to state line
    - › East side of Route 5 from Claremont Avenue to Belmont Avenue
    - › East side of Route 5 from Willard Avenue to Booth Avenue including Elm Avenue
  - 12 schools
  - 15 municipal buildings
  - 5 municipal parking lots
  - Municipal sidewalks
  - Other Town owned properties
  - Private sidewalk clearing (post “sidewalk clock”)



# BUILDINGS & GROUNDS OPERATIONS

- › Priorities During Storm:
  - Public Safety Complex
  - EMS
  - Municipal buildings and schools,
- › Priorities Post-Storm:
  - Municipal buildings and schools
  - Municipal parking and sidewalks
  - Other Town owned properties
- › Additional post-storm response:
  - Snow moving/prep for next storm
  - Sidewalk clock follow-up



# Buildings & Grounds Operations

- › Sidewalk Clock:
  - Following declared storm end
  - 24 hours to clear private sidewalks
  - Notifications used:
    - › Notify Me
    - › Town web site
    - › DPW Tweet
    - › Town Facebook page
    - › Info Line





# PARKING BAN



- › Parking bans are put in place when two to three inches or more of snow are “PREDICTED”.
- › DPW will always operate as if the forecast will be accurate. This is for the safety of the Town of Enfield.
- › Under the Town of Enfield Code of Ordinances Sections 82-62, at the direction of the Town Manager, all streets in Thompsonville can begin to be cleared of vehicles in violation of the parking ban after one inch (1”) of accumulation of snow

# TOWN OWNED PUBLIC PARKING

These parking lots are approved for resident parking during snow events.



Pearl St. at  
South St.



# TOWN OWNED PUBLIC PARKING

These parking lots are approved for resident parking during snow events.



Church St. at  
Alden Ave.



# TOWN OWNED PUBLIC PARKING

These parking lots are approved for resident parking during snow events.



Asnuntuck St.  
at Pearl St.



# TOWN OWNED PUBLIC PARKING

These parking lots are approved for resident parking during snow events.



Rear Parking Lot 19  
North Main St.  
(Angelo Lamagna  
Activity Center)



# TOWN OWNED PUBLIC PARKING

These parking lots are approved for resident parking during snow events.



South River St.  
(Donald Barnes)  
Boat Launch



# SNOW EVENT NOTIFICATION LOG

- › The Snow Event Notification Log states what organizations and methods the Town of Enfield uses to inform the public of the oncoming parking ban and sidewalk clock.

		STORM NAME (IF ANY):							
STORM DATE									
START DATE/TIME									
END DATE/TIME									
				<b>Responsibility (1,2,3,4,etc)</b>					
<b>PARKING BAN START</b>	<b>DATE</b>	<b>TIME</b>	<b>INITIALS</b>						
CHANNEL 3				KB,PK,LA,DE					
CHANNEL 30				KB,PK,LA,DE					
WTIC				KB,PK,LA,DE					
EVERBRIDGE				LA,EG,PK,DE					
NOTIFY ME				LA,EG,PK,DE					
TOWN WEBSITE				LA,EG,PK,DE					
DPW TWEET				PK,LA,DE,DN					
Info Line				LA,EG,LC,LS					
Town Facebook				Call Town Managers Office					
E-TV				PK,KB,LA,DE					
<b>PARKING BAN STOP</b>	<b>DATE</b>	<b>TIME</b>	<b>INITIALS</b>						
WEBSITE				Will be scheduled to come off web site one (1) hour after posted end of ban					
DPW TWEET				LA,PK,DE,DN					
Info Line				LA,EG,LC,LS					
Town Facebook				Call Town Managers Office					
E-TV				LA,PK,DE,DN					
<b>SIDEWALK CLOCK START</b>	<b>DATE</b>	<b>TIME</b>	<b>INITIALS</b>						
EVERBRIDGE				EG,LA,DF,MG,PK					
TOWN WEBSITE				EG,LA,DF,MG,PK,DN					
DPW TWEET				EG,LA,MG,PK,DN					
Notify Me				EG,LA,DF,MG,PK					
Info Line				LA,EG,LC,LS					
Town Facebook				Call Town Managers Office					
<b>SIDEWALK CLOCK STOP</b>	<b>DATE</b>	<b>TIME</b>	<b>INITIALS</b>						
TOWN WEBSITE				Putting text back on clock page that says "CLOCK HAS NOT BEGUN..."					
				EG,LA,DF,MG, PK, DN					

Legend:	
KB	Highway Crew Leader
PK	Solid Waste Crew Leader
LA	Solid Waste Admin
DE	Assistant Director
DN	Public Works Director
DF	Building & Ground Crew Leader
EG	Building & Ground Admin
MG	Facilities Manager
LC	Highway Admin

# HOW RESIDENTS CAN HELP

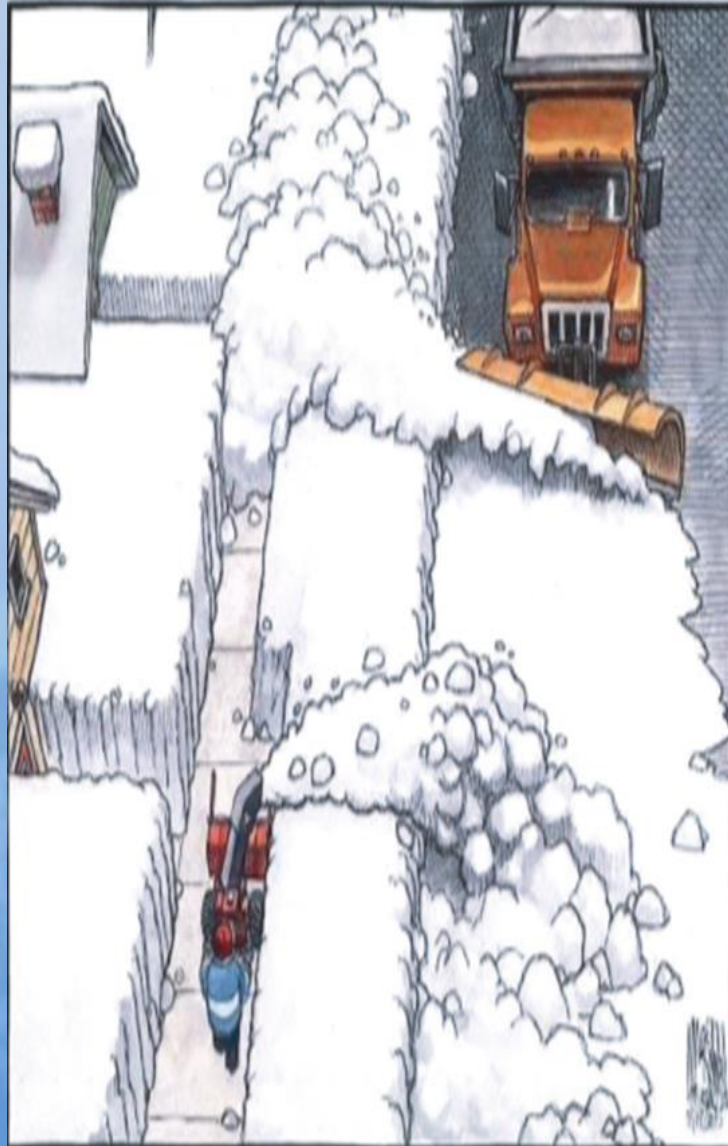
**Please do not put snow back into the street. Shovel or blow snow into the opposite direction of the street.**

Do not park cars in driveways within 10 feet of edge of pavement

**Do not park cars in or over sidewalks in front of the driveways**

Do not allow children to build and occupy "snow forts" or similar creations within 10 feet of the edge of pavement.

**Fences should not be within 10 feet of the edge of pavement.**



**Remove all non-permanent seasonal items from within 10 feet of edge of pavement.**

Trim trees so that branches do not extend beyond the back of the curb.

**Put road markers up to help DPW and Contractors know where property lines start.**

Pile most of the snow from the driveway apron on the traffic downstream side. This will minimize visibility problems and prevent the snowplow from re-depositing the snow into your driveway.

## OTHER ELEMENTS IN THE SNOW AND ICE CONTROL PLAN

- › DPW is in the process of updating the current snow and ice control plan. We have included a variety of items, including some of the more problematic issues that occur during a winter snow event. We will present the plan at the next DPW Subcommittee meeting. Following Subcommittee approval, the snow and ice control plan will be presented to the Town Council.



# QUESTIONS/COMMENTS



# THANK YOU